

NEWSLETTER

New Concepts In Global Tectonics

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FROM THE EDITORS

Most of the present Newsletter is taken up with discussion. The question about the present stress state of the crust has resulted in further discussion some quite sharp in its character. There has also been direct discussion between readers which is very encouraging. We have been asked to put some of this in the Newsletter but this can only be included if it is in a form suitable for the Newsletter and has the permission of all those involved.

This discussion about basic questions in the earth sciences is certainly in contrast to what is mostly happening in the mainstream publications, although even here some questions impinge on the current orthodoxies. We still have a long way to go through and it is hard to see where the road will lead. The evolution and internal nature of the earth still remains a major problem about which the available evidence is peripheral, and undoubtedly the major suppositions ("theories") will be wrong. If we didn't know this already the deep drilling has shown this. In this drilling virtually all the predictions have been wrong. Karsten Storetvedt in this Newsletter refers to the open fractures at 12 km in the Kola deep hole. Simple

enough but who had thought of it and how does it affect the interpretation of seismic velocities.

On the other hand there is a great deal of vital information available from the outer crust and there are wonderful geological maps and information but a great deal of work needed to put it together. Many leads are appearing in our Newsletter. How can any understanding of the evolution of the earth develop without taking into account the world system of lineaments and associated polygonal structure so ably described in our Newsletter. We have presented information that the trenches, the supposed sites of the downgoing subduction slabs, show little or no earthquake seismic activity, yet some of our readers seem to be able to ignore or overlook such information. We also note the use of plate tectonic interpretations and material based on dubious factual data. Many of us have had experience in oceanic work and know that the magnetic anomalies are not based on age-determinations either radiometric or palaeontological but on supposition and drilling work constantly uncovers errors, yet there is a great need to synthesize this data. We need not emphasize again the lack of synthesis of world earthquake data.

FINANCIAL SUPPORT FOR NEWSLETTER

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(continues to the next page)

CONTENTS IN THIS ISSUE

From the Editors.....	1	Trinidad to Surinam Aeromagnetic profiles....	11
Letter to the Editors.....	2	Surge theory in the debate of global warming..	17
Articles		Discussion Corner	
Darwin Phoenix Rises.....	2	Oceanization.....	18
Flood basalt-hotspot links.....	4	Crustal stress state and earth expansion.....	23
State of stress in the earth's crust.....	7	Expanding vs contracting earth.....	25
Tectonics by estimation of work on rocks.....	8	Geopolitics Corner.....	28